

Take a Walk on the Wild Side



2006

**Wings
Over Water
Wildlife Festival**

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Welcome to the Outer Banks and surrounding region



Eastern North Carolina isn't locked in a vault, although it should be because it is one of the nation's truly unique treasures.

The Wings Over Water Wildlife Festival, held in November of each year, celebrates the natural wonders of the area, and there are many opportunities throughout every season to explore and discover the richness of the region's environment.

The six-day Wings Over Water Wildlife Festival is the largest of its kind in the area and this year will coincide with the long Veteran's Day weekend. Sponsored by the Outer Banks Chamber of Commerce, US Fish & Wildlife Service, Coastal Wildlife Refuge Society, Carolina Bird Club, Outer Banks Sentinel and National Park Service, the event has programs for paddlers, photographers, birders and natural history buffs.

Year-round, those who choose to do so can enjoy miles of unspoiled landscapes, sand beaches, rolling dunes, scrub thickets, broad marshes, pocosins, blackwater swamps, and maritime and inland forests. These varied habitats are rich in wildlife. Large acreages are protected as parks, reserves and wildlife refuges. In Dare County alone, more than a quarter of a million acres is in conservation.

This year's Wings Over Water keynote address will be by Ken Rosenberg of Cornell Ornithology Lab who will talk about the ongoing investigation into the rediscovery of the ivory-billed woodpecker.

Registration information can be found in this book and online at www.wingsoverwater.org.

Not going to be free in November? Keep reading to see how you can take advantage of the many opportunities available throughout the year.

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'Artfully' generous photographers share wildlife pictures

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Copies of the cover picture by professional wildlife photographer Melissa McGaw can be purchased by contacting her by email at mcgawphoto@mindspring.com or by visiting her website at www.mcgawphoto.com to view some of her other work.

Psst...buddy, ready to go wild? Just turn the page.



PHOTO BY KLAUS RITTER rritter500@charter.net

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Red wolves make comeback

Once almost extinct, now about 100 roam the mainland of Eastern North Carolina. 40

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SANDY SEMANS, MANAGING EDITOR (editor@obsentinel.com)

CONTRIBUTOR: JACK DEMPSEY

EDITORIAL PRODUCTION MANAGER: PETER HUMMERS

ADVERTISING SALES MANAGER: GREG CLARK

ADVERTISING STAFF: SUZANNE M. CARTIER, CHRIS JENSEN

ADVERTISING DESIGN PRODUCTION: CANDICE MIGGELS

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• • • • •
 15.5 Milepost on the Bypass in Nags Head
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PHOTO BY KLAUS RITTER rritter500@charter.net

Why is it called Alligator River?

The answer may present itself on an Alligator River canoe tour! The Milltail Creek Canoe Trail system goes deep into the heart of the Alligator River National Wildlife Refuge located on the Dare County mainland. Paddle the shady blackwater canals; watch and listen for the Refuge's secretive wildlife. \$35 for adults and \$20 for children 12 and under. Wading shoes, hats, sunscreen, bug repellent and drinking water are recommended. From 9 a.m. to noon, Wednesdays and Fridays, June 2 to Sept. 1 and Sept. 6 to Oct. 25 at the South end of Buffalo City Road (off US Hwy 64 in East Lake). Reservations required. Call 252-987-2394. Co-sponsored by the Coastal Wildlife Refuge Society.



Our shores have made history!

Our small island is an ecological blend of marshland where life takes on a whole new perspective. Explore our boardwalks and get close to nature. Observe the hidden pristine beauty, as it was centuries ago, when naturalists first discovered our shores.

Roanoke Island Festival Park

Open daily, across from the Manteo Waterfront. 5 miles from Nags Head!
 (252)475-1500 24-hour events line: (252)475-1506 www.roanokeisland.com

Duck stamps support wetlands conservation

Lickin' loss of habitat

The Federal Duck Stamp Program began in 1934 with an annual competition among wildlife artists to choose the image on the stamp. Since then, sales of 120 million stamps have grossed \$700 million which purchased more than five million acres of wetlands habitat. The program has been joined by a Federal Junior Duck Stamp Program and an annual North Carolina state duck stamp.

The 2005-2006 stamp features hooded mergansers, frequently seen in northeastern North Carolina. More than 1.5 million federal duck stamps have been purchased in the state since 1934. Stamp revenues have purchased habitat additions to 10 wildlife refuges located throughout the state.



Patterned after the Federal Duck Stamp Program, the Federal Junior Duck Stamp Program invites k-12 students to enter their waterfowl artwork first in state, then national, competitions to find a national winter. Here, a 17-year-old girl's portrait of ringnecks is featured on the 2005-2006 stamp.

State duck stamps have been annually issued in North Carolina since 1983 by the NC Wildlife Resources Commission. This 1995 stamp features brants in flight with Ocracoke Island's skyline, identifiable by the lighthouse in the background.



Turtle Talk

Why are sea turtles endangered? What can you do to save these gentle giants? Learn more about the lives of sea turtles and their conservation at this presentation for all ages at 2:30 to 3:30 p.m., Tuesdays, June 6 to Aug. 29 at the Pea Island Visitor Center.

PHOTO BY JEFF ROTMAN/jeffrotman.com

A loggerhead hatchling relaxes on a coral reef after a hard journey to the Gulf Stream. Each year, sea turtle hatchlings begin this arduous journey from their nest on Pea Island National Wildlife Refuge.



PHOTO BY SUZANNE R. LIVINGSTONE/UNIVERSITY OF GLASGOW, DARWIN INITIATIVE PROJECT

A nest of leatherback sea turtles 'boils' to the surface. The Pea Island National Wildlife Refuge's beach is the 'birthing' place of many such sea turtles, who, after hatching, will make their way into the ocean to begin the next stage of their aquatic lives.



Nov. 7-12, 2006

**Just turn the page to find
out more about the
Wings Over Water
Wildlife Festival**

www.wingsoverwater.org

Looking for something to do?



PHOTO BY BRIAN VARNER

Festival at a Glance

TUESDAY

- 7 a.m. Bird Photography (NEW)
- 8 a.m. Decoy Carving (NEW)
- Noon Backcountry Expedition
- 5 p.m. Moonlight Refuge Kayak Tour (NEW)
- 7:15 p.m. Manteo Candlelight Tour (NEW)

WEDNESDAY

- 7:30 a.m. South Pond Birding
- 8 a.m. Corolla Birding (NEW)
- 8 a.m. The Maze
- 9 a.m. Nags Head Woods
- 10 a.m. Ocracoke Island Kayak Tour
- 12:30 p.m. History and Mystery
- 1 p.m. Decoy Carving (NEW)

- 1 p.m. South Pond Birding
- 2 p.m. Shifting Sands (NEW)
- 2 p.m. The Maze
- 3 p.m. Kitty Hawk Bay Sunset Kayak Tour (NEW)
- 4:30 p.m. Owl Prowl
- 5 p.m. Moonlight Refuge Kayak Tour (NEW)
- 7: p.m. Shorebirds for Dummies workshop (Combines with Thurs. field trip)
- 7:30 p.m. Ocracoke Ghost and History Walk (NEW)

THURSDAY

- 6 a.m. Red-cockaded Woodpeckers Palmetto-Peartree Preserve
- 6:30 a.m. Pea Island "Duck Hunt"
- 7 a.m. Bird Photography (NEW)
- 7:30 a.m. Shorebirds for Dummies field trip (Combines with Wed. workshop)

Here's something to howl about!

7:30 a.m. North Pond Birding
8 a.m. Cape Hatteras Birding
10 a.m. Scuppernong Canoe Tour
12:30 p.m. History and Mystery Tour
2 p.m. Big Tree Hike
1 p.m. South Pond Birding
1 p.m. Mackay Island Refuge Birding
1 p.m. Scuppernong Pontoon Boat Tour
5 p.m. Red Wolf Howling
7 p.m. Seagulls for Dummies workshop
(Combines with Fri. field trip)
7 p.m. Refuge at Night
7:15 p.m. Manteo Candlelight Tour (NEW)

FRIDAY

6 a.m. Red-cockaded Woodpeckers
Palmetto-Pearlree Preserve
6:30 a.m. Pea Island "Duck Hunt"
7:30 a.m. Seagulls for Dummies field trip
(Combines with Thurs. workshop)
7:30 a.m. South Pond Birding
7:30 a.m. North Pond Birding
7:30 a.m. Old Oregon Inlet Coast Guard
Station
7:30 a.m. Roanoke Island Birding
8 a.m. Ocracoke Island Birding
8 a.m. Mattamuskeet Refuge Birding
9 a.m. "Pelican Island" Safari
1 p.m. Oregon Inlet Marsh Birds
1 p.m. Cape Hatteras Birding
1 p.m. Bodie Island Lighthouse (Butterflies and
Dragonflies, too)
1 p.m. South Pond Birding
3 p.m. Kitty Hawk Bay Sunset Kayak Tour
(NEW)
6 p.m. Reception/Keynote Speaker

SATURDAY

6 a.m. Red-cockaded Woodpeckers (Air Force
Range)

7:30 a.m. Old Oregon Inlet Coast Guard
Station
7:30 a.m. North Pond Birding
7:30 a.m. South Pond Birding
7:30 a.m. Marsh Birds of Bodie Island
8 a.m. Ghost
Town Birding on
Portsmouth Island
8 a.m. Ghost Town
Exploration
8 a.m. Hatteras Spit
Birding
8 a.m. Upper Miltail
Creek Canoe Tour
9 a.m. "Pelican Island"
Safari
1 p.m. Oregon Inlet
Marsh Birds

1 p.m. Bodie Island Lighthouse
1 p.m. Cape Hatteras Birding
1 p.m. South Pond Birding
1 p.m. North Pond Birding
3 p.m. Hummingbird Banding
4:30 p.m. Owl Prowl
5 p.m. Red Wolf Howling
7 p.m. Refuge at Night
7:15 p.m. Manteo Candlelight Tour (NEW)
7:30 p.m. Ocracoke Ghost and History Walk
(NEW)

SUNDAY

6 a.m. Red-cockaded Woodpeckers (Air Force
Range)
7:30 a.m. South Pond Birding
7:30 a.m. North Pond Birding
7:30 a.m. Alligator River Refuge Birding
8 a.m. Hatteras Spit Birding
8 a.m. Cape Hatteras Birding
8 a.m. Upper Miltail Creek Canoe Tour



PHOTO COURTESY OF USFWS

Here's the scoop on paddling trips!

The Outer Banks offer some of the country's best paddling for canoe and kayak enthusiasts. From tannin-fed cypress swamps to endless marsh mazes, it is possible to paddle the region for a lifetime yet still study charts at night, discovering unexplored areas. These trips represent just some of the various paddling opportunities available throughout the Outer Banks. Although trip leaders will escort participants into areas where elusive birds may be more easily observed, participants should be aware that paddling leaders are not experienced birders. Physical demands range from open water with wind exposure, to short distances with excellent wind protection. Trips have an "Easy" physical demand rating, unless otherwise indicated.



PHOTO BY JAY ROSS

LIMITS

All trips have an 8-boat limit. Some trips are in canoes; some are in kayaks. See trip specifics. All trips are for non-motorized vessels only. Kayaks and canoes are made available from local outfitters and the Friends of the Refuge group, the Coastal Wildlife Refuge Society. Paddlers are responsible for their own safety and agree to assume all risks. Arrangements can be made for paddlers to bring their own boats, however, there are no discounts.

CANCELLATION POLICY

In case of inclement weather, the paddling provider will select an alternate location. If an alternate location is not available, a trip will be rescheduled for later in the week. Call ahead if in doubt or for more information.

Ride the Wind Surf and Kayak (252) 928-6311
Back Country Outfitters (252) 453-0877
Kitty Hawk Sports (252) 441-2756 ext. 25
Pettigrew State Park (252) 797-4475
Kitty Hawk Kites (252) 202-6282
Coastal Kayak (252) 207-6028
Fish and Wildlife (252) 987-1118

Special thanks to paddling trip leaders

Coastal Kayak
Kitty Hawk Kites
Coastal Wildlife Refuge Society
Kitty Hawk Sports
Ride the Wind Surf and Kayak
OBX Paddlers Club
Backcountry Outfitters and Guides

Polish up those paddles!

NORTH OF OREGON INLET

Kitty Hawk Bay Sunset Kayak Tour NEW! (4)

Enjoy a classic Carolina sunset over Kitty Hawk Bay. Navigate by the amber light of the harvest setting sun. Pass through tall cord grass fields and listen for the mysterious sounds of the night marsh. Meet: Dock of the Bay Marina. DTFNH: 30 minutes. DTFB: 1.5 hours. Duration: 2.5 hours. Cost: \$35. 3 p.m. Wednesday and Friday, Kitty Hawk Kites

The Maze (1)

This trip is truly for the adventurous! Slip silently through the labyrinth of marsh creeks and search for rails, ibis, herons, egrets, raccoons, and other salt marsh wildlife. Meet: Boat ramp near Pirate's Cove. DTFNH: 5 minutes DTFB: 1.25 hours. Duration: 2.5 hours. Moderate. Cost: \$35. 8 a.m. and 2 p.m., Wednesday, Kitty Hawk Sports

Backcountry Expedition (31)

This unique combination "off-road" four wheel-drive and kayak eco-tour explores 30 miles of beach and backcountry lanes by SUV to paddle the northern Currituck waterways from inside the exclusive Spanish Mustang Reserve. Trained naturalists discuss local ecology, history and shore life. No private boats permitted. Meet: Whalehead Club in Corolla. DTFNH: 1.5 hours. DTFB: 2.5 hours. Duration: 3.5 hours. Cost: \$50. Noon Tuesday, Back Country Outfitters and Guides



PHOTO COURTESY OF KITTY HAWK SPORTS

SOUTH OF OREGON INLET

Ocracoke Island Kayak Tour (27)

Take a ferry to quaint Ocracoke Village. Discover the waters surrounding beautiful Ocracoke Island. Explore the marshy creeks and flats of Springer's Point in search of wildlife and history. Meet: Ride the Wind Surf and Kayak shop. DTFNH: 1.15 hours to Hatteras ferry, plus 40-minute ferry ride. DTFB: 15 minutes plus ferry ride. Duration: 2.5 hours. Exposure to wind. Cost \$35. 10 a.m. Wednesday, Ride the Wind Surf and Kayak

MAINLAND

Moonlight Refuge Kayak Tour NEW! (3)

Navigate cypress-lined creeks and grass covered lakes by the light of the full moon. This tour is only available during years when the full moon coincides with the festival — don't miss this opportunity! Paddling experience recommended, as a large portion of this tour will be in the dark. Glow sticks will be provided. Insect repellent suggested. Meet: Buffalo City boat ramp. DTFNH: 30 minutes DTFB: 1.5 hours. Duration: 3.5 hours. Cost: \$40. 5 p.m. Tuesday and Wednesday, Coastal Kayak

Upper Miltail Creek Canoe Trip (7)

Explore this narrow, winding creek through the heart of Alligator River National Wildlife Refuge. Sheltered paddling will give participants a close look at the wildlife that calls the Refuge home, including Pileated Woodpeckers, river otter, and a variety of reptiles and amphibians. A shuttle will be provided back to the launch site. Insect repellent suggested. Meet: Creef Cut parking area. DTFNH: 30 minutes DTFB: 1.5 hours. Duration: 5 hours. Cost: \$40. 8 a.m. Saturday and Sunday, US Fish and Wildlife Service

Scuppernong River Canoe Trip (26)

Explore the Scuppernong River with a ranger from Pettigrew State Park. Learn about the features of this unique water body that is home to a variety of rare species, including Atlantic white cedar and Red-cockaded woodpeckers. Meet: Wildlife boat ramp by Creswell. DTFNH: 1.15 hours. DTFB: 2.15 hours. Duration: 2 hours. Cost: Free. 10 a.m. Thursday, Pettigrew State Park

Natural History Field Trips

Natural History programs explore the diverse natural landscape of eastern North Carolina — including the plants, mammals, reptiles, and amphibians that make this land so unique. Natural History trip leaders have been chosen for their thorough knowledge of the local flora and fauna. Although trip leaders include birds within their description of the natural world, participants should be aware that birds are not the focus of natural history trips. This year, decoy carving and bird photography have been added to this category. Trips have an “Easy” physical demand rating, unless otherwise indicated.

NORTH OF OREGON INLET

Nags Head Woods (16)

Explore a globally-rare maritime deciduous forest's towering dunes, dark swamps, and other ecological communities with Northeast Regional Steward Aaron McCall. Learn about The Nature Conservancy's conservation efforts in Nags Head Woods and watch for warblers, kinglets, pileated woodpeckers, wood ducks and other native fauna and flora. Meet: Nags Head Woods. DTFNH: 10 minutes DTFB: 1.25 hours. Duration: 2 hours. Moderately

strenuous. Cost: \$20. 9 a.m. Wednesday, Aaron McCall

'Pelican Island' Safari (11)

Led by ninth-generation captain Stuart Wescott, cruise from Wanchese Harbor through Old House Channel to a dredge spoil island known locally as “Pelican Island,” a colonial waterbird and pelican nesting area near Oregon Inlet. This trip is suitable for all and the 53-foot boat is equipped with a restroom. Meet: Fisherman's Wharf Restaurant parking lot in Wanchese. DTFNH: 20 minutes. DTFB: 1.5 hours. Duration: 2.5 hours. Cost: \$25. 9 a.m. Friday and Saturday, Stuart Wescott

Bird Photography NEW! (21)

Catch the morning light and explore the sound, marsh, beach and maritime forest of Corolla in search of birds to photograph. Various wading birds, fall migrant songbirds, waterfowl, and shorebirds are expected. Participants will also take advantage of the diverse flora and fauna to photograph along the way. NOTE: Limited to 8 participants. Meet: Outer Banks Center for Wildlife Education. DTFNH: 45 min. DTFB: 1.75 hrs. Duration: 3 hours. Easy. Cost: \$20. 7 a.m. Tuesday and Thursday, Mark Buckler



Decoy Carving NEW! (21)

Why are those old blocks of wood so important? What are they even used for? If you have ever asked yourself these questions, join us for a half day class that will answer your thoughts about decoys. Participants will get to see examples of antique decoys from our region while learning the importance of their functionality and style. They will also learn basic decoy carving technique and carve the body of a decoy which is theirs to keep. NOTE: Limited to 5 participants. Meet: Outer Banks Center for Wildlife Education. DTFNH: 45 minutes DTFB: 1.75 hrs. Duration: 4 hours. Easy. Cost: \$20 8 a.m. Tuesday; 1 p.m. Wednesday, Chandler Sawyer

Butterflies, Dragonflies, and Birds (2 & 24)

(Listed also under birding trips.) Not all winged creatures have feathers! Look for and identify butterflies and dragonflies while birding and learn about the intricate lives of these beautiful insects. Butterfly and dragonfly viewing is highly variable and weather dependent. Warm (70 degrees) and sunny conditions could entice 10-15 species. Cool (55 degrees) and cloudy weather will likely produce zero species. Look for songbirds around the lighthouse and on wooded trails, and for waterbirds from the boardwalk by the ponds. Will also include discussion and demonstration of "digiscoping." DTFNH: 15. DTFB: 55 minutes. Duration: 4 hrs. Moderate. Cost \$20. 1 p.m. Friday, meet Bodie Island Lighthouse. 7:30 a.m. Saturday meet at South Pond. DTFNH: 35 minutes. DTFB: 40 minutes, Jeff Pippen, Will Cook

SOUTH OF OREGON INLET

Shifting Sands NEW!! (19)

Come explore the beach near Oregon Inlet on a walk with local author and Coastkeeper Jan DeBlieu. She will discuss the natural processes of barrier island movement and the creatures that live in the shifting sands. Participants will also examine—first hand—attempts by humans to draw a line in the sand and the impact these efforts have had on migratory birds. Meet: Oregon Inlet Bridge parking lot – South. DTFNH: 25 minutes. DTFB: 50 minutes. Duration: 4 hours. Moderate. Cost: \$20. 2 p.m. Wednesday, Jan DeBlieu

History and Mystery Tour (12)

Hop onto a tour bus and drive back through history. This multimedia tour highlights areas of

historical importance, unknown to locals and tourists alike on Ocracoke Island. Meet: Hatteras Ferry Dock. DTFNH: 1 hour DTFB: 15 minutes. Duration: 2 hours. Cost: \$25. 12:30 p.m. Wednesday and Thursday, Danny Couch

Ghost Town Exploration (18)

Explore the natural and cultural history of Portsmouth Island village, a modern day ghost town maintained by the National Park Service. Participants can choose between birding the Island (see Ghost Town Birding on Portsmouth Island listed in Birding Trips), or taking this tour. Includes a chartered vessel from Ocracoke to Portsmouth. Bring water and snacks and prepare for mosquitoes. Meet: Ocracoke Ferry Terminal South in Ocracoke Village. DTFNH: 1.75 hours to Hatteras ferry, plus 40-minute ferry ride. DTFB: 25 minutes plus ferry ride. Duration: 6 hours. Moderate to rigorous. Cost: \$50. 8 a.m. Saturday, Dave Frum (participants must take 7 a.m. Hatteras ferry)

See NATURAL HISTORY, Page 16



PHOTO BY SANDY SELESKY selesky@fas.harvard.edu

The Viceroy butterfly mimics the Monarch which it often is mistaken for.

Natural History

Continued from Page 15

Ocracoke Ghost and History Tour (29)

Join Ocracoke native and direct Blackbeard descendant Philip Howard on a glimpse into Ocracoke's shadier past. His walking tour explores some of Ocracoke's most interesting local stories handed down from generation to generation by island natives. Participants will learn about the island's unique history, harrowing hurricanes, shipwrecks, supernatural local legends, and visit the graves of some of Ocracoke's founding families. Each tour will explore a different area of the island. Meet: Village Craftsmen. DTFNH: 2.75 hours, including ferry ride and drive to Ocracoke village. DTFB: 1.25 hours, including ferry and ride to village. Duration: 1.5 hours. Cost: \$25. 7:30 p.m. Wednesday, 'Round Creek Tour; 7:30 p.m. Saturday, Down Point Tour, Philip Howard

MAINLAND

Big Tree Hike (26)

Come join the park director for a hike through Pettigrew State Park's virgin forest. Learn about the park's champion trees. See remnants from Hurricane Isabel and several trees with diameters larger than six feet and some with diameters up to 10 feet. Wear appropriate clothing and bring bug spray. Some hiking will be off the trail. Duration: 2 hours. Meet: Pettigrew State Park Office. DTFNH: 1 hour 15 minutes. DTFDB: 2 hours 15 min. Cost: Free. 2 p.m. Thursday, Sid Shearin

Manteo Candlelight Tour NEW!! (13)

Travel back in time to Victorian-era Manteo and experience the area's truly unique living history. Join a local guide for an evening stroll through Manteo's charming streets, while viewing historic homes and listening to local lore, with maybe even a ghost story or two! Duration: 2 hours. Meet: Island Ice, next to Carolina Outdoors in downtown Manteo. DTFNH: 15 minutes. DTFB: 1 hour. Cost: \$30. 7:15 p.m. Tuesday, Thursday and Saturday, Francis D'Ambra

Red Wolf Howling (7)

Caravan into the refuge to "howl up" the wolves with Red Wolf Recovery Program staff. Learn about endangered red wolves and get the chance of

a lifetime to hear their harmonious howls. Flashlight helpful, but not necessary. Meet: Creef Cut parking area. DTFNH: 30 minutes. DTFB: 1.5 hrs. Duration: 2 hours. Cost: \$30. 5 p.m. Thursday and Saturday, Fish and Wildlife Service staff

Scuppernong River Pontoon (30)

Tour the lower Scuppernong River on a pontoon boat with local naturalists from Partnership of the Sounds. This relaxing ride through cypress swamps showcases a paddler's paradise that used to transport barges to the historic Somerset Place. Meet: Walter B. Jones, Sr. Center for the Sounds. DTFNH: 45 minutes. DTFB: 2 hours. Duration: 2 hours. Cost: \$45. 1 p.m. Thursday, Eastern 4H Environmental Education Center and Partnership for the Sounds

Refuge at Night (7)

This trip is a rare opportunity to visit the Alligator River National Wildlife Refuge at night, using spotlights to watch for deer, bear, birds and other wildlife. Transportation provided. Meet: Creef Cut parking area. DTFNH: 30 minutes. DTFB: 1.5 hours. Duration: 3 hours. Bring insect repellent, snacks and drinks. Cost: \$30. 7 p.m. Thursday and Saturday, Fish and Wildlife Service staff



PHOTO BY SKEETER SAWYER



November 7-12, 2006

REGISTRATION

Name _____
Address _____
City _____
State _____ Zip _____
Phone # _____
Email Address _____

Other participants on this registration form:

Name _____
City _____ State _____
Name _____
City _____ State _____
Name _____
City _____ State _____

# Tkts	Event Time	<i>Tuesday, November 7</i>	Fee	Total
	7:00 am-10:00 am	Bird Photography	\$20	
	8:00 am-12:00 pm	Decoy Carving	\$20	
	12:00 pm-3:00 pm	Backcountry Expedition	\$50	
	5:00 pm-8:30 pm	Moonlight Refuge Kayak Tour	\$40	
	7:15 pm-9:15 pm	Manteo Candlelight Tour	\$30	
Tuesday Total:				

# Tkts	Event Time	<i>Wednesday, November 8</i>	Fee	Total
	7:30 am-11:30 am	South Pond Birding	\$20	
	8:00 am-11:00 am	Corolla Birding	\$20	
	8:00 am-10:30 am	The Maze Kayak Tour	\$35	
	9:00 am-11:00 am	Nags Head Woods Preserve	\$20	
	10:00 am-12:30 pm	Ocracoke Island Kayak tour	\$35	
	12:30 pm-2:30 pm	History and Mystery	\$25	
	1:00 pm-5:00 pm	Decoy Carving	\$20	
	1:00 pm-5:00 pm	South Pond Birding	\$20	
	2:00 pm-6:00 pm	Shifting Sands	\$20	
	2:00 pm-4:30 pm	The Maze Kayak Tour	\$35	
	3:00 pm-5:30 pm	Kitty Hawk Bay Sunset Kayak Tour	\$35	
	4:30 pm-7:30 pm	Owl Prowl	\$20	
	5:00 pm-8:30 pm	Moonlight Refuge Kayak Tour	\$40	
	7:00 pm-8:00 pm	Shorebirds for Dummies Workshop	\$40	
	7:30 pm-9:00 pm	Ocracoke Ghost and History Tour	\$25	
Wednesday Total:				

# Tkts	Event Time	<i>Thursday, November 9</i>	Fee	Total
	6:00 am-11:00 am	Red-cockaded Woodpeckers at Palmetto-Peartree Preserve	\$30	
	6:30 am-10:30 am	Pea Island "Duck Hunt"	\$20	
	7:00 am-10:00 am	Bird Photography	\$20	
	7:30 am-10:30 am	Shorebirds for Dummies Field Trip	Inc w/ wksp	
	7:30 am-11:30 am	North Pond Birding	\$20	
	8:00 am-12:00 pm	Cape Hatteras Birding	\$25	
	10:00 am-12:00 pm	Scuppernong River Canoe Tour	FREE	
	12:30 pm-2:30 pm	History and Mystery Tour	\$25	
	1:00 pm-5:00 pm	South Pond Birding	\$20	
	1:00 pm-4:00 pm	Mackay Island Refuge Birding	\$20	
	1:00 pm-3:00 pm	Scuppernong River Pontoon Boat Tour	\$45	
	2:00 pm-4:00 pm	Big Tree Hike	FREE	
	5:00 pm-7:00 pm	Red Wolf Howling	\$30	
	7:00 pm-8:00 pm	Seagulls for Dummies Workshop	\$40	
	7:00 pm-10:00 pm	Refuge at Night	\$30	
	7:15 pm-9:15 pm	Manteo Candlelight Tour	\$30	
Thursday Total:				

# Tkts	Event Time	<i>Friday, November 10</i>	Fee	Total
	6:00 am-11:00 am	Red-cockaded Woodpeckers at the Palmetto-Peartree Preserve	\$30	
	6:30 am-10:30 am	Pea Island "Duck Hunt"	\$20	
	7:30 am-10:30 am	Seagulls for Dummies Field Trip	Inc w/ wksp	
	7:30 am-11:30 am	South Pond Birding	\$20	
	7:30 am-11:30 am	North Pond Birding	\$20	
	7:30 am-11:30 am	Old Oregon Inlet Coast Guard Station	\$20	
	7:30 am-11:30 am	Roanoke Island Birding	\$30	
	8:00 am-4:00 pm	Ocracoke Island Birding	\$20	
	8:00 am-12:00 pm	Lake Mattamuskeet Refuge Birding	\$20	
	9:00 am-11:30 am	Pelican Island Safari	\$25	
	1:00 pm-5:00 pm	Oregon Inlet Marsh Birds	\$25	
	1:00 pm-5:00 pm	Cape Hatteras Birding	\$25	
	1:00 pm-5:00 pm	Bodie Island Lighthouse (Butterflies and Dragonflies, too)	\$20	
	1:00 pm-5:00 pm	South Pond Birding	\$20	
	3:00 pm-5:30 pm	Kitty Hawk Bay Sunset Kayak Tour	\$35	
	6:00 pm-	KEYNOTE: Featuring Ken Rosenberg at The Dunes Restaurant	\$25	
Friday Total:				

# Tkts	Event Time	<i>Saturday, November 11</i>	Fee	Total
	6:00 am-11:00 am	Red-cockaded Woodpeckers at the Air Force Bombing Range	\$30	
	7:30 am-11:30 am	Old Oregon Inlet Coast Guard Station	\$20	
	7:30 am-11:30 am	North Pond Birding	\$20	
	7:30 am-11:30 am	South Pond Birding	\$20	
	7:30 am-11:30 am	Marsh Birds of Bodie Island	\$20	
	8:00 am-12:00 pm	Ghost Town Birding on Portsmouth Island	\$40	
	8:00 am-2:00 pm	Ghost Town Exploration	\$50	
	8:00 am-12:00 pm	Hatteras Spit Birding	\$25	
	8:00 am-1:00 pm	Upper Milltail Creek Canoe Tour	\$40	
	9:00 am-11:30 am	Pelican Island Safari	\$25	
	1:00 pm-5:00 pm	Oregon Inlet Marsh Birds	\$25	
	1:00 pm-5:00 pm	Bodie Island Lighthouse Birding	\$20	
	1:00 pm-5:00 pm	Cape Hatteras Birding	\$25	
	1:00 pm-5:00 pm	South Pond Birding	\$20	
	1:00 pm-5:00 pm	North Pond Birding	\$20	
	3:00 pm-4:30 pm	Hummingbird Banding	\$20	
	4:30 pm-7:30 pm	Owl Prowl	\$20	
	5:00 pm-7:00 pm	Red Wolf Howling	\$30	
	7:00 pm-10:00 pm	Refuge at Night	\$30	
	7:15 pm-9:15 pm	Manteo Candlelight Tour	\$30	
	7:30 pm-9:00 pm	Ocracoke Ghost and History Tour	\$25	
Saturday Total:				

# Tkts	Event Time	<i>Sunday, November 12</i>	Fee	Total
	6:00 am- 11:00 am	Red-cockaded Woodpeckers at the Air Force Range	\$30	
	7:30 am- 11:30 am	South Pond Birding	\$20	
	7:30 am- 11:30 am	North Pond Birding	\$20	
	7:30 am- 10:30 am	Alligator River Refuge Birding	\$20	
	8:00 am- 12:00 pm	Hatteras Spit Birding	\$25	
	8:00 am- 12:00 pm	Cape Hatteras Birding	\$25	
	8:00 am- 1:00 pm	Upper Milltail Creek Canoe Tour	\$40	
Sunday Total:				

# Tkts	Festival Registration Fee	x \$10/person	Total:
Tuesday Total:			
Wednesday Total:			
Thursday Total:			
Friday Total:			
Saturday Total:			
Sunday Total:			
Festival Total:			

METHOD OF PAYMENT: ☐ VISA ☐ MASTERCARD
☐ CHECK (payable to CWRS)

CARD NUMBER: _____

EXPIRATION DATE: _____

CARDHOLDER SIGNATURE:_____

PLEASE SEND YOUR REGISTRATION FORM TO:

WINGS OVER WATER
OUTER BANKS CHAMBER OF COMMERCE
PO BOX 1757
KILL DEVIL HILLS, NC 27948

CREDIT CARD REGISTRATIONS MAY BE FAXED TO:
(252) 441-0338

HOW DID YOU HEAR ABOUT WINGS OVER WATER?

☐ I AM A PREVIOUS PARTICIPANT
☐ FRIEND WHO HAS PARTICIPATED
☐ INTERNET ☐ NEWSLETTER
☐ MAGAZINE (specify) _____
☐ OTHER _____

Driving directions to the meeting sites can be downloaded from The Wings Over Water website www.wingsoverwater.org or picked up upon arrival at the festival.

These programs are for the birds!

Names of some leaders appear with trips, but, at presstime, leader information is not available for every trip. Changes may also be made before the November event.

NORTH OF OREGON INLET

Mackay Island Refuge Birding (14)

Take a three-mile walk on the Mackay Island National Wildlife Refuge impoundment dike to view waterfowl, marsh birds, wading birds, some songbirds and hopefully a pair of bald eagles. Waterfowl prospects include snow geese, green and blue winged teal, shovelers, wood ducks, and widgeon. Refuge marshes also provide cover for a variety of rails and bitterns. Meet: Refuge entrance parking area entrance by way of Currituck ferry. DTFNH: 2.5 hours. DTFB: 3.5 hours Duration: 3 hours. Easy. Cost \$20. 1 p.m. Thursday

Corolla Birding NEW! (21)

Heritage Park and the North Carolina Estuarine Reserve are among the best "migrant traps" on the Outer Banks. Sedge and Marsh Wrens, late migrating and wintering sparrows are possible. Wetland boardwalks can produce King Rails, Virginia Rails or Soras. Tidal flats may yield Willets, yellowlegs and other shorebirds. Meet: Outer Banks Center for Wildlife Education. DTFNH: 45 minutes. DTFB: 1.75 hrs. Duration: 3 hours. Easy. Cost \$25. 8 a.m. Wednesday, Mark Buckler

Oregon Inlet Marsh Birds (20)

Trip No. 1: Wade in search of Clapper Rails, marsh sparrows (including the Sharp-tails) and



PHOTO BY DENNIS CONNELL dcimages@charter.net

wrens (including Sedge). Walking in calf-deep water is required.

Trip No. 2: Search the flats of Oregon Inlet for shorebirds, particularly Piping Plovers. Then wade the marsh from 4 p.m. until sunset.

4x4 transportation provided. Meet: Oregon Inlet Fishing Center. DTFNH: 15 minutes. DTFB: 55 minutes. Duration 4 hours. Strenuous. Cost: \$25. Trip No. 1: 1 p.m. Friday, John Fussell, Chris Eley; Trip No. 2: 1 p.m. Saturday, Fussell, Eley, Kent Fiala

Marsh Birds of Bodie Island (2)

Work the edges of Bodie Island's extensive marshes in search of rails, bitterns, marsh sparrows and wrens. Walking in calf-deep water is possible. Meet: Bodie Island Lighthouse, north parking. DTFNH: 15 minutes. DTFB: 55 minutes. Duration 4 hours. Strenuous. Cost: \$20. 7:30 a.m. Saturday, Steve Shultz

Join the flock!

Birding is an activity that includes everyone, regardless of age or physical ability. In recognition of this diversity, Wings Over Water Wildlife Festival offers several trips which accommodate birders of various agility. These trips include the south path of North Pond and Cape Hatteras Point trips. Those who require additional accommodations, should not hesitate to discuss these when registering for programs.

Birds

Continued from Page 19

Bodie Island Lighthouse (2)
(Butterflies, Dragonflies, and Birds)

(Listed also under natural history trips.) Not all winged creatures have feathers! Look for and identify butterflies and dragonflies while birding and learn about the intricate lives of these beautiful insects. Butterfly and dragonfly viewing is highly variable and weather dependent. Warm (70 degrees) and sunny conditions could entice 10-15 species. Cool (55 degrees) and cloudy weather will likely produce zero species. Will also include discussion and demonstration of "digiscoping."

Trip No. 1 Bodie Island Lighthouse. DTFNH: 15 minutes. DTFB: 55 minutes. Duration: 4 hours. Moderate. Cost \$20. 1 p.m. Friday, meet Lighthouse, Jeff Pippen, Will Cook (See page ?? for details for South Pond Trip No. 2)

1 p.m. on Saturday, Steve Shultz (Beginning Birding)

Roanoke Island Birding (10)

Explore Roanoke Island birding hotspots, including the Elizabethan Gardens. Search for late fall migrants and early winter residents. Possibilities



PHOTO BY JAY ROSS

Pea Island is Outer Banks treasure

Pea Island National Wildlife Refuge is one of the prime birding areas of the Atlantic coast. Named an Important Bird Area by the National Audubon Society, it is rich in numerous waterfowl species such as Tundra Swan, Snow Goose, dabbling and diving ducks, and possible Eurasian Wigeon. Waders include Tri-colored Heron and White Ibis; shorebirds may include American Oystercatcher, American Avocet, dowitchers and godwits. Terns and raptors expected. Dike vegetation produces numerous songbirds.

include a wide assortment of warblers, vireos, wrens, orioles, and sparrows. Meet: Elizabethan Gardens parking. DTFNH: 15 minutes. DTFB: 1:25 hrs. Duration: 4 hours. Easy. Cost \$30. 7:30 a.m. Friday

SOUTH OF OREGON INLET

Old Oregon Inlet Coast Guard Station (19)

Look for land birds around the Old Coast Guard Station. Walk sand flats to find terns, shorebirds, possible Piping Plover. Explore the rock jetty and view the inlet for waterfowl. Meet: Oregon Inlet Bridge parking lot – South. DTFNH: 25 minutes. DTFB: 50 minutes. Duration: 4 hours. Moderate to Strenuous. Cost: \$20. 7:30 a.m. Friday, Lex Glover; 7:30 a.m. Saturday, Ricky Davis

North Pond (25)

(Pea Island National Wildlife Refuge)

Bird the south and north dikes of North Pond. North Pond Trail (south dike of North Pond) is maintained for easy walking and is universally accessible. Meet: Pea Island Refuge Visitor Center. DTFNH: 35 minutes. DTFB: 40 minutes. Duration: 3-4 hours. Easy. Cost: \$20.

7:30 a.m. Thursday, Lex Glover, Focus on Duck ID

7:30 a.m. Friday, Ken Rosenberg, Beginning Birding

7:30 a.m. Saturday, John Wright

1 p.m. Saturday, Henry Link, Birds and plants, ecology

7:30 a.m. Sunday, Lee Yoder, Beginning Birding

South Pond (24)

(Pea Island National Wildlife Refuge)

This is a rare opportunity to bird an area usually closed to visitors. Meet: Pea Island Refuge Headquarters. Special trips – BYOScope - for experienced birders. DTFNH: 35 minutes. DTFB: 40 minutes. Duration: 3-4 hrs. Moderate. Cost: \$20.

7:30 a.m. Wednesday, Lee Yoder, Beginning Birding

1 p.m. Wednesday, Lex Glover, Focus on Wading Birds

1 p.m. Thursday, Ricky Davis, Beginning Birding

7:30 a.m. Friday, Kent Fiala, BYOScope

1 p.m. Friday, Ricky Davis

7:30 a.m. Saturday, Jeff Phippen, Will Cook;

Butterflies and Dragonflies, too, plus discussion and demonstration of "digiscoping." First hour spent "ocean-watching" and searching for and identifying ocean and beach birds. (See Bodie Island Lighthouse, page 20, for additional details)

1 p.m. Saturday, John Wright

7:30 a.m. Sunday, Henry Link

Pea Island 'Duck Hunt' (25)

Ever wondered what a duck hunt is like?

Come experience the hunt of a lifetime on this trip. Participants will learn about decoys and ducks and get to sit in a blind on this simulated duck hunt. Decoys will be placed, calls will be used, and the anticipation of ducks coming to the decoys will be experienced by all! Meet: Pea Island Refuge Visitor Center. DTFNH: 35 minutes. DTFB: 40 minutes. Duration: 3-4 hours. Easy. Cost: \$20. 6:30 a.m. Thursday and Friday, Brian VanDruten

Visit your National Seashore!

Cape Hatteras National Seashore is one of the East Coast's birding hotspots. It has been named an Important Bird Area by the National Audubon Society. A string of barrier islands 70 miles long makes up the Park. These islands are separated from the mainland by Pamlico Sound, a 25-mile wide lagoon. Vast salt marshes, tidal flats, salt ponds, and beaches provide habitat for an abundance of waders, shorebirds, terns, gulls, and waterfowl. Pockets of maritime forest shelter migrating songbirds. Cape Hatteras juts out into the Atlantic, providing a wonderful vantage point to search for Northern Gannets, terns, and Brown Pelicans.



PHOTO BY NAN MOORE Birdie1925@comcast.net

Cape Hatteras (5)

(Cape Hatteras National Seashore)

The Point, the Salt Pond and the sandy beach are important areas for viewing unusual gulls, seabirds, shorebirds, ducks, waders and raptors. Brown Pelicans are sure to be seen. Black Skimmers and American Oystercatchers are possible. Learn to separate the six possible species of gulls and five species of terns. 4x4 transportation provided. Meet Cape Hatteras Lighthouse visitor parking area. DTFNH: 1.25 hours. DTFB: 5 minutes. Duration: 3.5 to 4 hours. Easy. Cost \$25.

8 a.m. Thursday, Limit 9., Pat/Neal Moore, Bunnie/Jimmy Doolittle

1 p.m. Friday, Limit 15, Eric Dean, Taylor Piephoff, Moore, Doolittle

1 p.m. Saturday, Limit 12, Dean, Doolittle, Moore

8 a.m. Sunday, Limit 12, Dean, Doolittle, Moore

Hatteras Spit (12)

(Cape Hatteras National Seashore) A three-mile ride through shrub thickets, salt marshes, and sandy flats. Area much changed by Hurricane Isabel in 2003. Marsh sparrows, wrens, herons, egrets, variety of shorebirds, including Piping Plovers, possible.

Birds

Continued from Page 21

4X4 transportation provided. Meet at parking area adjacent to Hatteras Ferry dock. (Take care not to get in ferry lines.) DTFNH: 1:75 hours. DTFB: 25 minutes. Easy to moderate. Limit 9. Cost: \$25. 8 a.m. Saturday, Taylor Piephoff, Susan Campbell and Neal Moore; 8 a.m. Sunday, Campbell and Moore

Ocracoke Island (17)

Cape Hatteras National Seashore

Experience the bird life of this wonderful 15-mile long barrier island, which - except for the village at the south end - is entirely National Seashore. Target birds will be Marbled Godwits, Piping Plover, Red Knots, White Ibis, Common Moorhen, Hooded Merganser, and, hopefully, spectacular views of Northern Gannets feeding just off the shore. Look for waterfowl, gulls and pelicans during the ferry crossing from Hatteras Island. Stops will include pine woods, marshes, the beach and South Point. Return to ferry dock by 2:45 to ride the 3 p.m. ferry back to Hatteras, arriving at 3:45 pm; or stay in Ocracoke for an evening trip (see Festival at a Glance for more information). Bring a lunch and beverages. 4x4 vehicle desirable, but not required. Arrive at Hatteras Ferry dock by 6:45 a.m. to line up for the 7 a.m. ferry. Meet: Ocracoke Campground parking lot (approximately 9 miles down the only paved road from the Ocracoke/Hatteras ferry terminal). DTFNH: 1.75 hours to Hatteras ferry, plus

40-minute ferry ride. DTFB: 25 minutes plus ferry ride. Duration: 7 to 8 hours. Easy. Cost: \$20. 8 a.m., Friday, Peter Vankevich

Ghost Town Birding on Portsmouth Island (18)

Cape Lookout National Seashore

Bird the abandoned village of Portsmouth Island, now maintained by the National Park Service. A chartered vessel will carry participants from Ocracoke to the soundside of the island. There is a large sand flat that, depending on conditions, may contain hundreds or even thousands of shorebirds, including Piping Plover. Bring appropriate footwear for walking in water and dress in layers. Bring water and snacks. Meet: Parking lot near Ocracoke Ferry Terminal - South. DTFNH: 1.75 hours to Hatteras ferry, plus 40-minute ferry ride. DTFB: 25 minutes plus ferry ride. Duration: 4 hours. Moderate to Strenuous. Cost: \$40. 8 a.m. Saturday, participants must take 7 a.m. Hatteras ferry, Peter Vankevich

Hummingbird Banding (6)

A licensed bander will demonstrate techniques for capturing and banding hummingbirds at a residence where the birds frequent year-round. Live birds will be used if they cooperate. Meet: Cape Hatteras School (tennis courts) DTFNH: 1:25 hours. DTFB: 10 minutes. Duration 1.5 hours. Easy. Cost: \$20. 3 p.m. Saturday, Susan Campbell

Shorebirds for Dummies

This very focused one-hour workshop and three-hour field trip for those interested in learning to identify sandpipers, dowitchers, and yellowlegs. Emphasis is on two of the more problematic groups of shorebirds: 1. sandpipers — Least, Semi-palmated, Western, White-rumped, Dunlin and Sanderling; and 2. dowitchers and yellowlegs. Workshop will be indoors teaching general structure and plumage and giving pointers for identifying and aging.

Field trip is the following day. A final lecture and 45-minute discussion will follow the field trip and review how to use books and notes after the field observations. Meet: Pea Island Headquarters for the workshop; Pea Island Visitor Center for the field trip. DTFNH: 30 minutes. DTFB: 40 minutes. Cost: \$40. 7 p.m. Wednesday, workshop; 7:30 a.m. Thursday, field trip and discussion, Michal Skakuj



PHOTO BY KLAUS RITTER rritter500@charter.net

Seagulls for Dummies

This very focused one-hour workshop and three-hour field trip are for those interested in learning to identify gulls and terns. Workshop will be indoors teaching general structure and plumage and giving pointers for identifying and aging. Field trip is the following day. A final 45-minute lecture and discussion will follow the field trip and review how to use books and notes after the field observations. Meet: Pea Island Headquarters for workshop; Pea Island Visitor Center for field trip. DTFNH: 30 minutes. DTFB: 40 minutes. Cost: \$40. 7 p.m. Thursday, workshop; 7:30 a.m. Friday, field trip and discussion, Michal Skakuj

MAINLAND

Red-cockaded Woodpeckers (23)

Air Force Bombing Range

Take an early morning trip to watch the awakening of endangered Red-cockaded Woodpeckers. You will travel into a colony area on the US Air Force's Dare County Range where you will learn about the management and ecology of this unique species in its unusual pond pine pocosin habitat. Also look for six other species of woodpeckers and various songbirds that can be seen in this area. Unpaved roads; 4x4 recommended. Meet: Outer Banks Welcome Center on Roanoke Island at east end of Virginia Dare Bridge on US 64/264. DTFNH: 10 minutes. DTFB: 1.5 hours. Duration: 5 hours. Moderate. Cost: \$20. 6 a.m. Saturday and Sunday, Robert Montgomery

Red-cockaded Woodpeckers (28)

Palmetto-Peartree Preserve

Travel to the Palmetto-Peartree Preserve where several colonies of endangered Red-cockaded Woodpeckers are being studied. Most of the sites are visible from the network of unpaved roads. 4x4 useful. Meet: Service station at West end of Alligator River Bridge. DTFNH: 45 minutes. DTFB: 1.75 hrs. Duration: 5 hours. Easy. Cost: \$30. 6 a.m. Thursday and Friday, John Hammond

Owl Prowl (7)

Hoot up Barred Owls, Screech Owls, maybe even a Great Horned Owl. Observe classic owl behavior. Program will begin with a brief program on natural history, distribution, and identification of

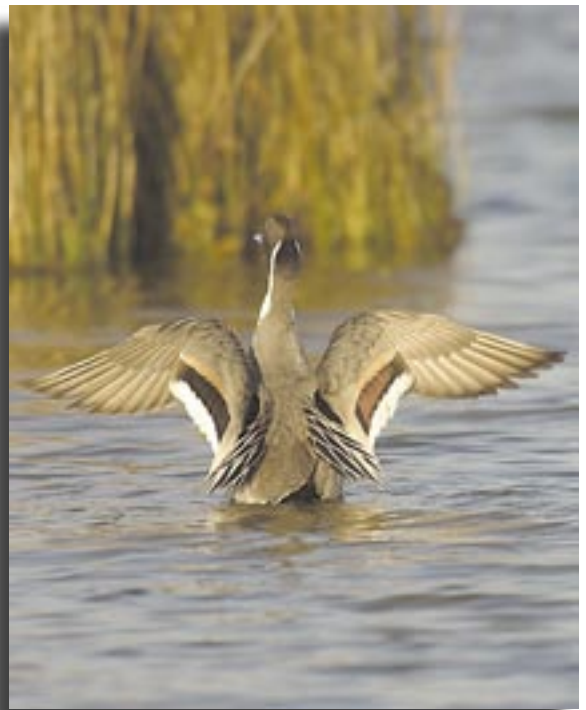


PHOTO BY MIKE HALMINSKI mhphotos@outer-banks.com

local species. Meet: Creef Cut parking area. DTFNH: 30 minutes. DTFB: 1.5 hours. Easy. Cost \$20. 4:30 p.m. Wednesday and Saturday, Ann Marie Salewski

Alligator River National Wildlife Refuge Birding (7)

Explore the Refuge's extensive farmfields for raptors, as well as birds of grassland and roadside vegetation. There is a possibility of seeing red wolves and black bears. Meet: Creef Cut parking area. DTFNH: 30 minutes. DTFB: 1.5 hours. Duration: 3 hours. Moderate. Cost: \$30. 7:30 a.m. Sunday

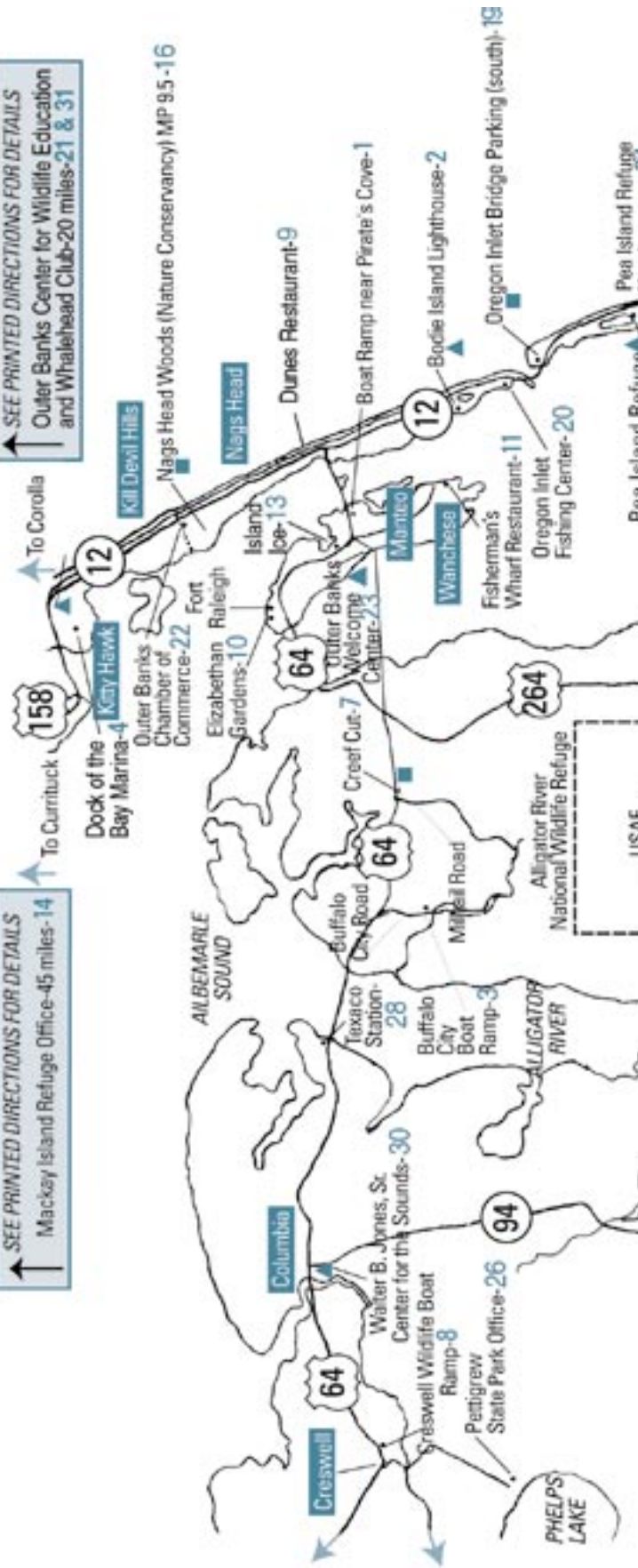
Mattamuskeet National Wildlife Refuge Birding (15)

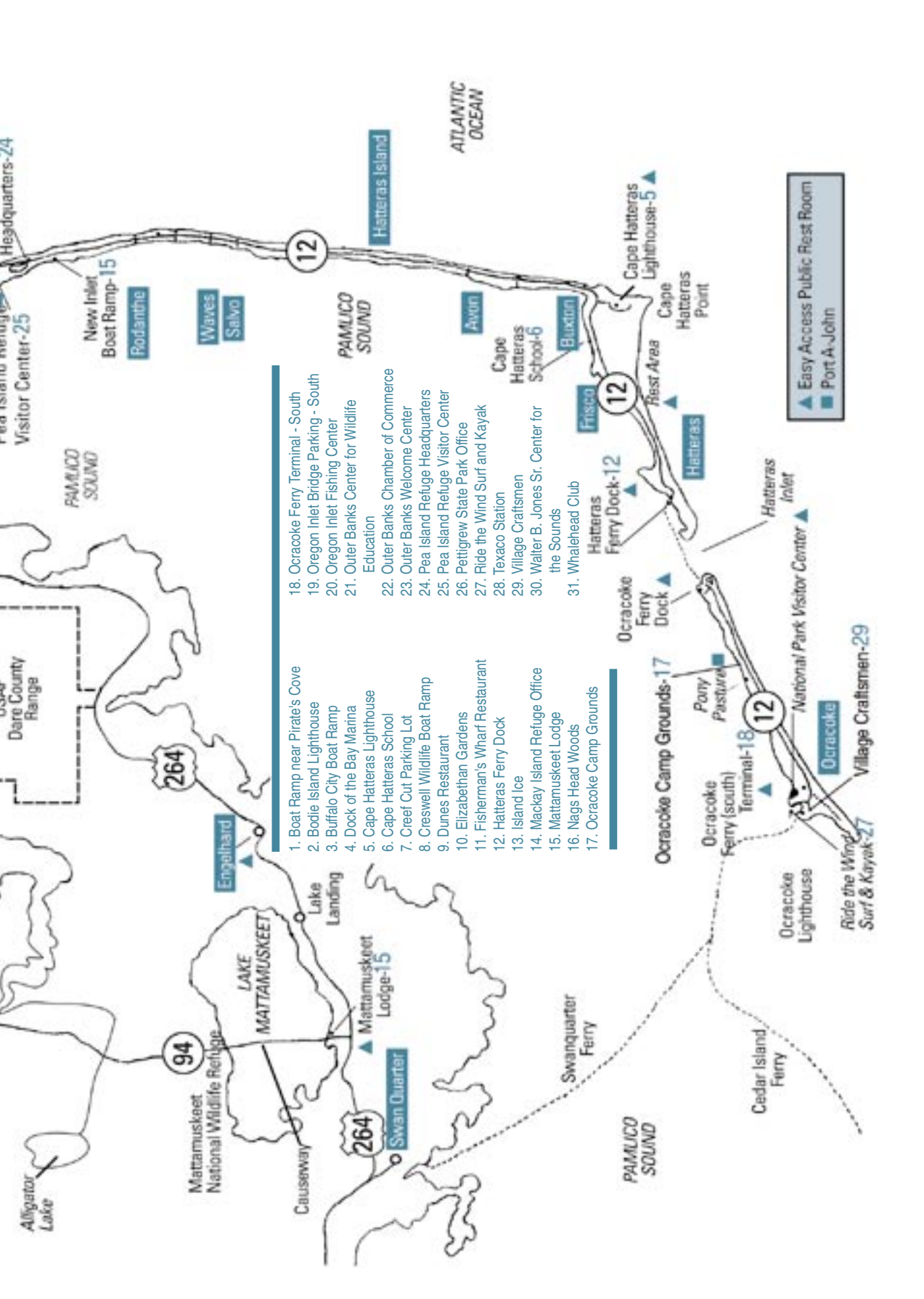
Meet at the Mattamuskeet Lodge and learn about the refuge before departing for the Causeway, Entrance Road, and Wildlife Drive to view thousands of waterfowl as well as shorebirds, waders and raptors. Explore other parts of the Refuge as time allows. Meet: Mattamuskeet Lodge. DTFNH: 1.75 hours. DTFB: 2.75 hours. Duration: 4 hours. Moderate. Cost: \$20. 8 a.m. Friday

WINGS Over WATER

SEE PRINTED DIRECTIONS FOR DETAILS
 Mackay Island Refuge Office-14

SEE PRINTED DIRECTIONS FOR DETAILS
 Outer Banks Center for Wildlife Education
 and Whalehead Club-20 miles-21 & 31





1. Boat Ramp near Pirate's Cove
2. Bodie Island Lighthouse
3. Buffalo City Boat Ramp
4. Dock of the Bay Marina
5. Cape Hatteras Lighthouse
6. Cape Hatteras School
7. Creel Cut Parking Lot
8. Creswell Wildlife Boat Ramp
9. Dunes Restaurant
10. Elizabethan Gardens
11. Fisherman's Wharf Restaurant
12. Hatteras Ferry Dock
13. Island Ice
14. Mackay Island Refuge Office
15. Mattamuskeet Lodge
16. Nags Head Woods
17. Ocracoke Camp Grounds

18. Ocracoke Ferry Terminal - South
19. Oregon Inlet Bridge Parking - South
20. Oregon Inlet Fishing Center
21. Outer Banks Center for Wildlife Education
22. Outer Banks Chamber of Commerce
23. Outer Banks Welcome Center
24. Pea Island Refuge Headquarters
25. Pea Island Refuge Visitor Center
26. Pettigrew State Park Office
27. Ride the Wind Surf and Kayak
28. Texaco Station
29. Village Craftsmen
30. Walter B. Jones Sr. Center for the Sounds
31. Whalehead Club

- ▲ Easy Access Public Rest Room
- Port A-John

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Contemporary Southern Cuisine

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Lunch11:30 am

Dinner5 pm

Sunday Brunch8 am - 2 pm

Wine & Beer & Desserts & Take Out

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McClees uses local fish, seafood, meats, fruit and vegetables. McClees cuisine features delicious 'from scratch' meals including local specialties such as crab, rockfish, sweet potatoes and, of course, Scuppernong grapes.

The McClees Restaurant building was originally the General Store, built and operated by one of three McClees brothers, at one time the leading entrepreneurs of this thriving river town. The main features of the building have been preserved, including the original pressed tin ceiling, exposed brick walls, tiled floor and stained glass façade. McClees is a venue for locals and visitors to relish Columbia past and present.

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Ivory-billed woodpecker viewed as a symbol of hope

Some scientists are excited about the rediscovery of the ivory-billed woodpecker because of its unique biology, but ornithologist Ken Rosenberg views the discovery as a symbol of hope.

"The discovery is one of the best symbols of an ecosystem that was lost to logging. They took virtually every acre of the bottomland swamps and adjacent pine forests throughout the southeast. If the ivory-billed woodpecker is still living at a time when those forests are regrowing, it gives us hope for restoring lost pieces of nature."

For more than six decades, the bird was thought to be extinct until researchers confirmed a 2004 sighting of the large woodpecker in Arkansas. Rosenberg, the director of Conservation Science at the Cornell Lab of Ornithology, will share his insights on the topic when he gives his presentation as keynote speaker at a dinner to be held during the Wings Over Water Wildlife Festival in November.

The bird once ranged from the coastal plains stretching from North Carolina to eastern Texas, and even in small areas of Illinois, Kentucky, Oklahoma and Missouri. By the turn of the last century, the range had continually become smaller until, in the

mid 1940s, the bird was thought to have become extinct.

"There have been undocumented sightings coming out of the southeast," said Rosenberg. "Part of what we are doing now is organizing searches which should have been done 60 years ago. This is bigger than



ILLUSTRATION BY ARTHUR A. ALLEN, COPYRIGHT CORNELL LAB OF ORNITHOLOGY

the Arkansas story. In some ways, this effort is extremely critical."

Rosenberg said that sightings of the bird have been reported throughout the decades, but now, with the attention drawn to the subject, people are coming forward with sightings that they were hesitant to report before. "None are documented or certain, and they all may be wrong; but we are embarking on a search effort to see if these birds are here or not."

See next page

Alligator River refuge — a success story in the making

The Alligator River National Wildlife Refuge, established in 1984, encompasses 152,00 acres of land lying on the mainland portions of Dare and Hyde counties.

In just a little more than two decades, the refuge has turned clear-cut corporate farm land back into a rich habitat for a wide array of both animals and plant life.

The refuge was established to preserve and protect a unique wetland habitat type - the pocosin - and its associated wildlife species. Pocosin is a native American word meaning 'swamp-on-a-hill' and is characterized by poorly drained soils high in organic material.

It has a diversity of habitat types that includes high and low pocosin,

bogs, fresh and brackish water marshes, hardwood swamps, and Atlantic white cedar swamps. Plant species include pitcher plants and sun dews, low bush cranberries, bays, Atlantic white cedar, pond pine, gums, red maple, and a wide variety of herbaceous and shrub species common to the East Coast.

One of the last remaining strongholds for black bear on the Eastern Seaboard, the refuge also attracts large concentrations of ducks, geese, and swans; wildlife diversity includes wading birds, shorebirds, American woodcock, raptors, American alligators, white-tailed deer, raccoons, rabbits, quail, river otters, red wolves, red-cockaded woodpeckers and song birds.

Woodpecker

Continued from previous page

North Carolina is one of the states with historical records of the species' past existence and one of the places to be investigated.

Cornell researchers were part of the team in on the initial discovery of the woodpecker in Arkansas, and Rosenberg is one of the leaders of the Ivory-billed Woodpecker Species Recovery Team formed by U.S. Fish and Wildlife. That team is working to draft a recovery plan for the species. Rosenberg is a member of the Biology Working Group.

But birds aren't just the focus of his

professional life, Rosenberg serves as co-captain of the Lab's World Series of Birding team, the Sapsuckers.

His keynote presentation will include photos and recordings from the 1930s that until the recent discovery were assumed to be the last tangible proof that such a bird ever existed. Rosenberg will lead two birding programs during the festival. For information, see the birding program descriptions beginning on page 19.

The dinner and presentation, co-sponsored by the Carolina Bird Club, begins at 6 p.m. on Nov. 10 at the Dunes Restaurant in Nags Head. Reservations required. The registration form is included on pages 17 and 18.



PHOTO BY LARRY WADE OF USFWS

This mama bear and her three cubs don't have gills, but she and her family also live in Dare County. Visitors often miss out on special experiences that can only be found in Alligator River National Wildlife Refuge on mainland Dare County. Native to the area, the black bears can often be seen along highways 264 and 64. Another great place to see bears and other wildlife is the Peterson Wildlife Drive, which begins at Creef Cut parking lot.

Bear Necessities

Alligator River is home to the largest population of black bears in eastern North Carolina and one of the largest in the eastern United States! Learn more about the region's largest mammal and what makes the refuge such a good home for these animals. After the presentation, tour the Wildlife Drive to look for bears and other wildlife 6 p.m. to 7:30 p.m. Wednesdays, June 7 through Aug. 30 at the Creef Cut Wildlife Trail parking lot.

A little southern hospitality

Nothing says southern hospitality like a conversation with an old — or new — friend on the front porch while enjoying a cup of coffee.

Pea Island Visitor Center is bursting with such hospitality and throughout the Wings Over Water Wildlife Festival in November, visitors can help themselves to a beverage and a doughnut or two while looking over the bird sightings list on the center's front porch.

Get wild! Attend WildFest 2006

WildFest 2006, set for Saturday, Oct. 21, at Old Manteo Middle School (across from Chesley Mall), offers a close-to-home nature experience for children, wildlife enthusiasts of all ages, and educators. The day-long festival begins at 10 a.m. and includes wildlife and wildlands games, educational information on area wildlife, and special demonstrations.

Guided bird walks will be offered by volunteers and, for those who want to bird-watch while sitting on their own front porch, learn to make a small bird feeder using all natural materials.

And there are games, lots of games. Younger children will also enjoy the Fish and Wildlife Birds, Beaks, and Bills guessing game.

For those interested in endangered species, folks will be on hand to share artifacts, pelts, soft traps, radio collars and literature on the red wolf recovery effort.

Learn how this majestic animal, once extinct in the wild, was first reintroduced to the Alligator River National Wildlife Refuge in Dare County. Hear how volunteers and staff track the red wolves, how the radio collaring program works, and where the primary wolf packs roam on hundreds of thousands of acres across three mainland North Carolina counties since the first pairs were released nearly 20 years ago.

There are too many activities to list but some offerings specifically for children will include a fish ring toss, critter calls, and face painting, while children and adults alike can learn about Alligator River's black bears; the special critters that call the ocean surf zone and shallow sound waters home with Soundside Discovery; and hunter safety and education.

Don't miss this fun and fascinating wildlife event!



PHOTO BY USFWS

The Fauth Family will be providing entertainment intermittently throughout the day at WildFest on Oct. 21 at Old Manteo Middle School. If you've not heard them before, you don't want to miss this. If you have heard them before, you already know you don't want to miss this! Join community conservation agencies and organizations for a day of family fun!



PHOTO BY KELLY ROBERTS

WildFest provides a host of wildlife and wildlands-related activities. And yes, there even is a two-steppin' alligator!



Jockey's Ridge State Park offers variety of outdoor programs

Seine the Sound – Using a seine net pulled through the water, discover the aquatic life found thriving in the Roanoke Sound. Be sure to wear clothes and shoes appropriate to get wet. Pre-registration is required. Length of Program: Approximately 45 minutes. Ages: Any age

Beginner Birding on the Sound – The Roanoke Sound is a great place to explore and discover the birds of Jockey's Ridge State Park. Join a ranger for an early morning walk along the sound to see the park's feathered friends in their natural habitat. Note: While not strenuous, this hike may tire very young children or the elderly. Pre-registration is required. Length of Program: Approximately 1 hour. Ages: Adults and older children

Discovery Table – A ranger will have a table set up with uncommon artifacts found in and around Jockey's Ridge, including petrified lightning. This

hands-on program is great for all ages. We'll meet on the back deck of the Visitor Center. Length of Program: Approximately 45 minutes. Ages: Any age

Dune Exploration Walk – What makes a sand dune? What keeps it from blowing away? How and why do animals make their homes there? Answer these and many other questions during this low-intensity walk through the dunes. Let's go exploring! Meet in the Visitor Center lobby at 9 a.m. Length of Program: Approximately 45 minutes. Ages: Any age

Construct a Critter – All animals have physical adaptations that allow them to survive in their habitat. In this fun activity, we'll actually create a critter! Participants will explore how different animals adapt to their surroundings. We'll meet on the back deck of the Visitor Center at 10 AM. Length of Program: Approximately 45 minutes. Ages: Any age

Sunset on the Ridge – Enjoy the splendor of the evening sky from atop the highest sand dune on the Atlantic Coast. Discover how the dunes may have formed and hear local legends and history. Meet at the top of the dunes for this Jockey's Ridge favorite at 8 p.m. (7:45 p.m. in August). Length of Program: Approximately 15 minutes. Ages: Any age

Video Presentation: The Wonders of Jockey's Ridge – This 30-minute video is a great introduction to discovering the natural history and wonders of Jockey's Ridge. Presented every day of the week at 4 p.m. Meet in the Visitor Center auditorium.

Kayaking Roanoke Sound – You can kayak Roanoke Sound with a ranger! We'll learn about the sound and estuary portions of Jockey's Ridge State Park. No experience is necessary, but kids under 13 must paddle with an adult (18 or older). Pre-registration is required. Length of Program: Approximately 2 hours. Ages: 5 years and older (no exceptions)

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Official Do List

Enjoying nature takes more than an appreciating eye or a trained ear. To really have a pleasurable experience, nature-goers need to be prepared with both the right accessories and manners.

Do take sunscreen if participating in a day-time outdoors event. Even in the winter, it is possible to get burned by the sun.

Do take insect repellent. Few things are as miserable as swatting at mosquitoes and flies while trying to spot birds or take a nature walk.

Do take bottled water along on any jaunt to avoid dehydration. Water in nearby streams and creeks may look refreshing but may not be potable.

Do take a snack or two to help keep up energy and to ward off hunger pains that shift thoughts from looking for that rare flower to wondering where the closest fast food place is located.

Do take the extras needed to accomplish your mission. If birding, remember the scope, binoculars and bird book. If kayaking, take along water shoes or some other type of footwear that can withstand getting wet.

Do leave cell phones turned off. It's difficult to appreciate the surrounding beauty if you are chatting on the phone. And it is particularly annoying to others who are trying to get away from the hustle and bustle of daily life.

Do take along a light jacket or sweater. Weather on the Outer Banks can often turn cool as fronts move in.



PHOTO BY SANDY SEMANS

Turn on to nature; turn off the cell phone.

Geographically- challenged, take heart!

Wings Over Water Wildlife Festival participants can pick up welcome packets at the Outer Banks Chamber of Commerce or the Pea Island Visitor Center on festival weekend. The packets include detailed directions to the various events as well as a map of the area.

The 'accidental' tourists

Accidental species are those which are spotted in the area less than five times a decade.

Pacific Loon	Garganey	Thick-billed Murre	Sage Thasher
Western Grebe	Northern Goshawk	Common Ground-	Sprague's Pipit
Northern Fulmar	Swainson's Hawk	Dove	Black-throated Gray
Black-capped Petrel	Golden Eagle	Snowy Owl	Warbler
White-faced Storm-	Purple Gallinule	Burrowing Owl	Townsend's Warbler
Petrel	Sandhill Crane	Antillean Nighthawk	Cerulean Warbler
White-tailed	Spotted Redshank	Olive-side	Swainson's Warbler
Tropicbird	"Eurasian Whimbrel"	Flycatcher	Louisiana
Masked Booby	Black-tailed Godwit	Vermillion	Waterthrush
Brown Booby	Bar-tailed Godwit	Flycatcher	Western Tanager
Anhinga	Little Stint	Ash-throated	American Tree
"Great White	Great Skua	Flycatcher	Sparrow
Heron"	Franklin's Gull	Tropical Kingbird	Lark Bunting
White-faced Ibis	Common (Mew)	Fork-tailed	LeConte's Sparrow
Roseate Spoonbill	Gull	Flycatcher	Western
Wood Stork	Yellow-legged Gull	Loggerhead Shrike	Meadowlark
Black Vulture	Sabine's Gull	Northern Shrike	Brewer's Blackbird
Fulvous Whistling_	"Cayenne Tern"	Cave Swallow	Red Crossbill
Duck	Artic Tern	White-breasted	White-winged
Greater White-	Bridled Tern	Nuthatch	Crossbill
fronted Goose	White-winged Tern	Bewick's Wren	Common Redpoll
Cinnamon Teal	Common Murre	Northern Wheatear	

Sightings from recent annual Wings Over Water Wildlife Festival programs

Eared Grebe
 American White Pelican
 Common Eider
 White-winged Dove
 Fork-tailed Flycatcher
 Sprague's Pipit
 Purple Sandpiper
 Great Cormorant
 Piping Plover
 Cave Swallow
 Magnificent Frigatebird



PHOTO BY JEFF LEWIS jlewis_obx@yahoo.com

The Red Cockaded Woodpecker, although on the federal endangered species list, can be found in both Tyrrell and Dare counties.

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Having fun? Building memories?

Feeling guilty about what family and friends are missing out on?

Stop by the Pea Island Visitor Center and find just the right trinket, book, shirt or other item to send home with a 'wish you were here' card. The Center is open from 9 a.m. to 5 p.m. June, July and August, and 9 a.m. to 4 p.m. the remainder of the year. Profits from the gift shop benefit the Coastal Wildlife Refuge Society.



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Photographer is part of the conservation picture

Some wildlife photographers engage in the activity for fun, others for profit, and a few, like photographer George Jett, use their talents as their way of helping to protect threatened populations of wildlife.

Jett donates the money he makes from the sales of wildlife photographs to help fund research aimed at saving the critically endangered Junco grebe in South America.

Dr. Paul Salaman, international programs director for the American Bird Conservancy (ABC), said that Jett not only has donated his own money, but he also has rallied support from local birding groups to raise funds to implement actions and research needed to hopefully protect and expand the birds' population.

"The threatened grebe is part of a group of wetland birds that are critically endangered. They live around two of the largest lakes in the Andes and which are



PHOTO BY GEORGE JETT gmjett@comcast.net

heavily polluted. One of the lakes is so polluted that cattle that graze around it are dying.

"It's important that we provide the information of these effects. We are working through local partners in that country to educate the local public and to work with the government authorities in an effort to get them to enforce measures to reduce pollution."

Salaman said that most of the pollution is a result of copper mining activities. "We are receiving huge community support; we are still trying to convince the

government of the need of enforcement."

And while researchers do their part, Jett continues to raise money to support those efforts.

Those who would like to donate to this cause can send their checks to American Bird Conservancy, PO Box 249, The Plains, Va. 20198 or visit online at www.abcbirds.org

They shoot bears, don't they?

They get up early in the morning to catch the best light. Quietly they stalk their prey through the woods and marshes. And then — there it is. They take aim and shoot — their cameras.

Wildlife photography is about more than just taking the incidental photo of a bird in the yard or a fish in the water. Good outdoor photography takes planning, and some learned skills to produce photos that are interesting, creative and hold a rightful place in the art world.

Mark Buckler, program director at the new Outer Banks Center for Wildlife Education in Corolla and a professional photographer, will teach two photography workshops during Wings Over Water Wildlife Festival. See Festival guide for details.

PHOTOS BY
MARK BUCKLER
bucklermark@earthlink.net



PHOTO BY KLAUS RITTER rritter500@charter.net



PHOTO BY KLAUS RITTER rritter500@charter.net



Red Wolf, *Canis rufus*, is nature's 'comeback kid'

Red wolves are mostly brown and buff colored with some black along their backs; there sometimes is a reddish color behind their ears, on their muzzle and toward the backs of their legs.

The average adult red wolf weighs 50-80 pounds, stands about 26 inches at the shoulder and measures about four feet from the tip of the nose to the end of the tail.

They are social animals, living in packs consisting of a breeding adult pair and their offspring of different years, typically five to eight animals. Red wolves prey on a variety of wild mammals such as raccoon, rabbit, white-tailed deer, nutria, and other rodents. Most active at dusk and dawn, red wolves are elusive and generally avoid humans and human activity.

One of the world's most endangered wild canids, it was once common throughout the southeastern US, but its populations were decimated by the 1960s due to intensive predator control programs and loss of habitat. A remnant population was found along the Gulf coast of Texas and Louisiana. After being declared an endangered species in 1973, efforts were initiated to locate and capture as many wild red wolves as possible. Of the 17 wolves captured by biologists, 14 became the founders of a successful captive breeding program. Consequently, the US Fish and Wildlife Service declared red wolves extinct in the wild in 1980.

By 1987, enough of the animals were bred in captivity to begin a restoration



PHOTO BY GREG KOCH

program on Alligator River National Wildlife Refuge, located on Dare County's mainland. Since then, the experimental population area has expanded to include three national wildlife refuges, a Department of Defense bombing range, state-owned lands, and private property, spanning a total of 1.7 million acres.

An estimated 100 red wolves roam the wilds of northeastern North Carolina and another 180 comprise the captive breeding program, still an essential element of red wolf recovery. Interbreeding with the coyote — an exotic species not native to North Carolina — has been recognized as the most significant and detrimental threat affecting recovery of red wolves in its native habitat. Currently, adaptive management efforts are making good progress in reducing the threat of coyotes while building the wild red wolf population.

Red Wolf Howling Safari is a 'don't miss' excursion

Each summer, the Red Wolf Coalition, a citizen-support organization, sponsors red-wolf howling safaris with support from Alligator River staff. This is a great opportunity to learn about red wolves and participate in a "howling." The program will occur except when there is lightning, heavy wind or rain, or impassable road conditions. Decision to cancel will be made no later than 1.5 hours before program. Programs are free: registration is required. 8 p.m., June 14, 21, 28; July 5, 12, 19, 26; 7:30 p.m. on Aug. 2, 9, 16, 23, 30, and Sept. 6; and 6 p.m. on Oct. 21 and 28, and Dec. 9 at 5 p.m. Meet at Creef Cut Wildlife Trail parking lot. Visit

www.redwolves.com or call 252-796-5600 to register. Howlings also are one of the many programs offered during Wings Over Water Wildlife Festival Nov. 7-12, 2006.



PHOTO BY GREG KOCH



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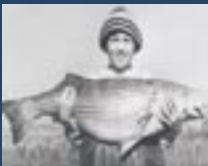
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NC Coastal Recreational Fishing License



North Carolina's Coastal Recreational Fishing License is effective Jan. 1, 2007. This license can be purchased on a 10-day, annual or lifetime basis, or combined with a variety of licenses issued by the Wildlife Resources Commission.

Requirements

This license allows recreational fishermen to harvest finfish for personal consumption; finfish harvested under this license cannot be sold. Fishermen using this license are held to the state's recreational size and possession limits.

The license is required to recreationally harvest finfish in the state's Coastal Fishing Waters, which include sounds, coastal rivers and their tributaries, out to three miles in the ocean. Recreational anglers who catch fish in the ocean will be required to have this license to land fish. Fishing in Joint Waters (areas managed by both the Marine Fisheries and the Wildlife Resources commissions) will require either this or a WRC inland fishing license

Exemptions

Individuals under 16 years of age.

Individuals who purchased any of the following WRC licenses prior to Jan. 1, 2006:

- All categories of Lifetime Sportsman licenses;
- Lifetime Resident Comprehensive Fishing License;
- Lifetime Combination Hunting and Fishing License for Disabled Resident Sportsman;
- Disabled Resident Sportsman;
- Lifetime Fishing License for the Legally Blind; and
- Adult Care Home Resident Fishing License. Blanket Licenses

Operators of for-hire vessels and owners or operators of ocean fishing piers have the option to purchase a blanket license to cover their fishing patrons.

Waivers

A free license waiver is available for qualifying subsistence anglers from Dept. of Social Services.

Purchasing a License

The new license will be available from any DMF office, WRC license agents (which include most Wal-Mart stores), on-line at WRC's website www.ncwildlife.org or by calling toll-free 888-248-6834.

Marine Resources Funds

Proceeds from the sale of this license will go into two marine resources funds managed by the state's Marine Fisheries and Wildlife Resources commissions. Revenues must be used to manage, protect, restore, develop, cultivate, conserve and/or enhance North Carolina's marine resources.

Annual License

State Residents, age 16 or older - \$15

Nonresidents, age 16 or older - \$30

10-day License

State Residents, age 16 or older - \$5

Nonresidents, age 16 or older - \$10

To view other license options or for more license information, please visit our website www.ncdmf.net or call the DMF at 252-726-7021 or 800-682-2632.

NC Division of Marine Fisheries Office Locations



1. Northern District Office

1367 U.S. 17 South
Elizabeth City, NC 27909
252-264-3911
800-338-7805

2. Wanchese Field Office

604 Harbor Road
Wanchese, NC 27981
252-473-5734

3. Columbia Field Office

601107 Highway 64 East
Columbia, NC 27925
252-796-1322
800-405-7774

4. Pamlico Regional Office

943 Washington Square Mall
Washington, NC 27899
252-946-6481
800-33807804

5. DMF Headquarters

3441 Arendell Street
Morehead City, NC 28557
252-726-7021
800-682-2632

6. Southern District Office

127 Cardinal Drive
Wilmington, NC 28405
910-796-7215
800-248-4536

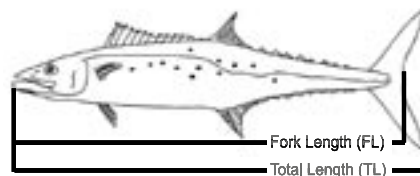
Be An Ethical Angler

Some people fish to provide a source of food for their families, but many others fish for the experience. Angling is more than just catching protein, it's the thrill of being outdoors and pitting your skills against those fish you know are just out there waiting for you to toss that hook into the water. By practicing ethical angling, fishermen can enjoy catching fish today and ensure that there will be fish for the future.

The Ethical Angler:

- Knows and abides by fishing regulations
- Can identify most species
- Practices catch and release
- Appreciates the importance of habitat
- Does not litter
- Understands and observes boating regulations
- Participates in the fisheries management process
- Cooperates with port agents and biologists

Be sure to check our website www.ncdmf.net for the latest size and possession limits found in the NC Coastal Waters Guide for Recreational Fishermen.



Total length is measured from tip of snout with mouth closed to tip of compressed tail.

Fork length is measured from tip of snout to middle of fork in tail.

Lower jaw fork length is measured from lower jaw to middle of fork in tail.

Curved fork length is the measurement of the length taken in a line tracing the contour of the body from the tip of the upper jaw to the fork of the tail.

**While fishing, it is unlawful to possess any fish without the head and tail attached if that species is subject to size or creel limits.
If using part of the fish for bait, save the carcass.**

Where the sea meets the land... and man

Come explore the beach near Oregon Inlet on a beach walk with the North Carolina Coastal Federation. Local naturalists will talk about the natural processes of barrier island movement and the creatures that live in the shifting sands. Participants also examine — first hand — attempts by humans to draw a line in the sand and keep the ocean from passing. 9 a.m. to 10:30 a.m. Wednesdays, June 21; July 5 and 19; Aug. 2, 16, and 30 at the parking lot south of Oregon Inlet Bridge.



PHOTO BY KLAUS RITTER rritter500@charter.net

There always are surprises awaiting those who dare to explore the fringes of the water, regardless of whether it is the ocean, sound, creeks or canals.

Soundside Discovery

What lived in those shells? What's that slimy stuff? What is it like to be a crab? Kids can discover the answers to these questions and many more through hands-on exploration of the Pamlico Sound. Come pull the seine net, and see what we catch! Wading shoes are required; sunscreen and hats recommended for this wet and wild activity. Children must be accompanied by an adult. 2:30 to 3:30 p.m. Thursdays, through Aug. 31 at New Inlet; two miles south of Pea Island Visitor Center.

Bird walks great way to start the day

Pea Island is for the birds — literally! Pea Island National Wildlife Refuge is home to nearly 400 species of birds. Come out and meet our summer residents. We welcome all bird enthusiasts on our walks. Whether you're a beginner or an expert, you'll enjoy this casual stroll beside North Pond. Field

guides, binoculars, sunscreen, and insect repellent recommended, although some field guides and binoculars will be available for participants from 8 a.m. to 9:30 a.m. Wednesdays, Thursdays, and Fridays, to Nov. 3 at the Pea Island Visitor Center.

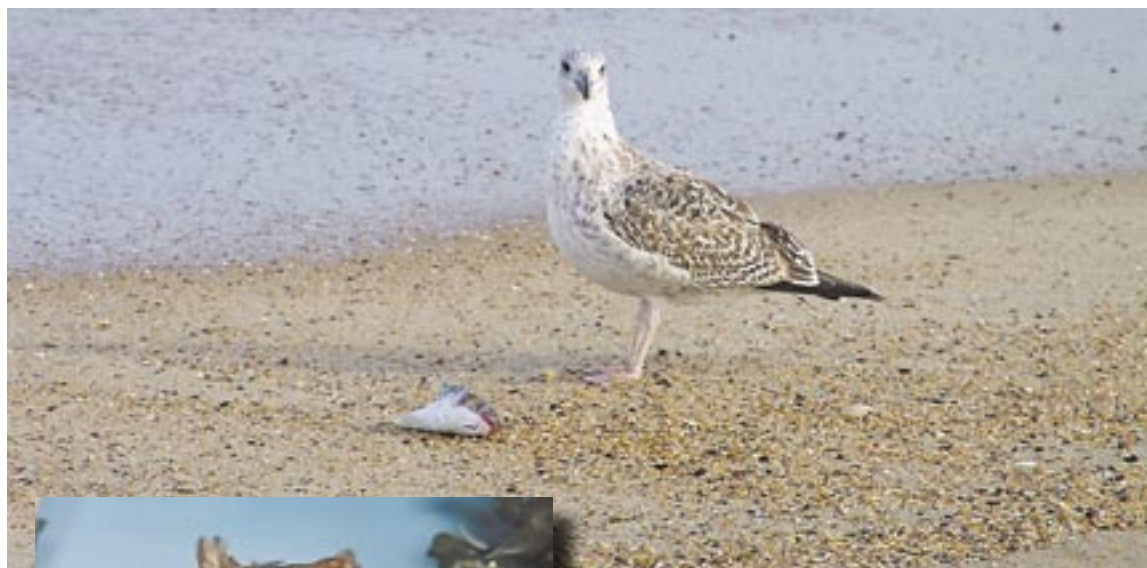


PHOTO BY KLAUS RITTER rritter500@charter.net

Raptor Rapture

Birds of prey have special adaptations and behaviors that make them efficient hunters. Learn about the raptors that call the refuge home and their techniques for survival. Bug repellent, sunscreen and water recommended. 2:30 to 3:30 p.m., Wednesdays, June 7 to Aug. 30 at the Pea Island Visitor Center.

PHOTO BY KLAUS RITTER rritter500@charter.net

Family canoe tour terrific time for kids

Designed especially for kids, this tour includes lots of wading and hands-on exploration. \$25 for adults and \$15 for children 12 and under. Children must be accompanied by an adult. Wading shoes are required. Hats, sunscreen, and drinking water are recommended. 10 a.m. to noon on Wednesdays and Fridays, through Aug. 30; and Fridays, Sept. 1 to Oct. 27 at New Inlet (two miles south of Pea Island Visitor Center). Reservations are required. Call 252-987-2394. Co-sponsored by the Coastal Wildlife Refuge Society.



PHOTO BY KLAUS RITTER rritter500@charter.net

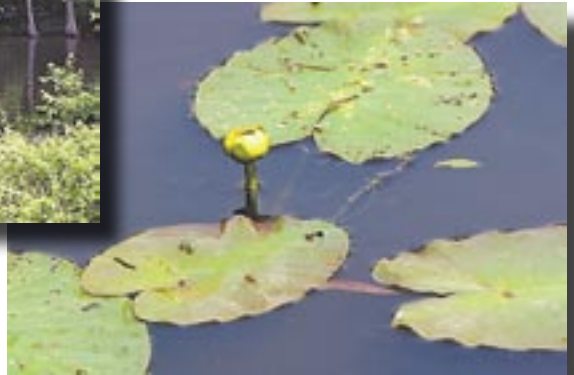


PHOTO BY KLAUS RITTER rritter500@charter.net

Even canoe and kayak enthusiasts should take time to smell the flowers!

Pea Island canoe tour explores the quiet side of life

Visit the quiet side of Pea Island. Explore the marshes, islands and creeks of Pamlico Sound. Look for birds, crabs, terrapins, skates, and more!! Fee is \$35 for adults and \$20 for children 12 and under. Wading shoes required. Hats, sunscreen, and drinking water are recommended. 9 a.m. to noon, Tuesdays and Thursdays, through Aug. 31; and Thursdays, Sept. 7 to Oct. 26 at New Inlet (two miles south of Pea Island Visitor Center). Reservations required, call 252-987-2394, co-sponsored by the Coastal Wildlife Refuge Society.

Behind every tree is another treasure

Just when it seems there can't be any more treasures to find, visitors happen on the Walter B. Jones Sr. Center for the Sounds in Columbia. The Center has exhibits, gifts, and a board walk that weaves through the marshlands along the Scuppernon River.

The Center also is the headquarters for Pocosin Lakes National Wildlife Refuge, established in 1990 when it was merged with the 12,000-acre Pungo National Wildlife Refuge which was established in 1963. The refuge now boasts 110,106 acres, of which 90,000 has been donated. It spans Hyde, Tyrrell and Washington counties and is managed by a 16-person staff.

PHOTOS BY KLAUS RITTER rritter500@charter.net



Wings Over Water Wildlife Festival

c/o OB Chamber of Commerce

PO Box 1757

Kill Devil Hills, NC 27948

www.wingsoverwater.org

